May 8, 1928. 1,668,759

H. A. BUBB

BREAKFAST SET

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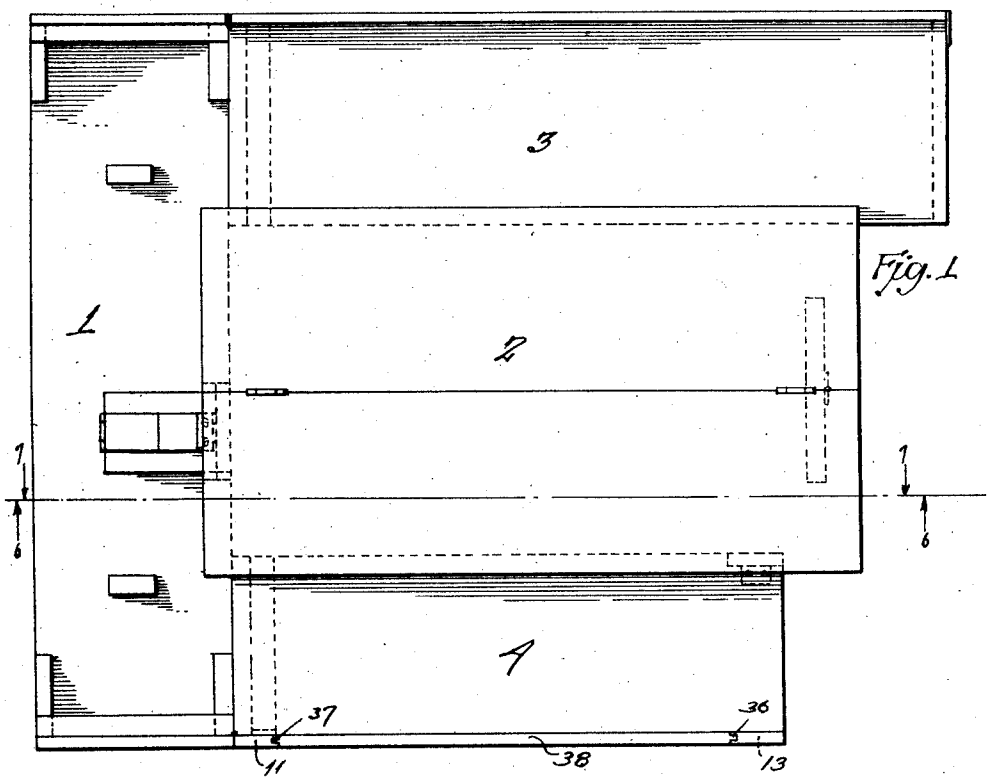
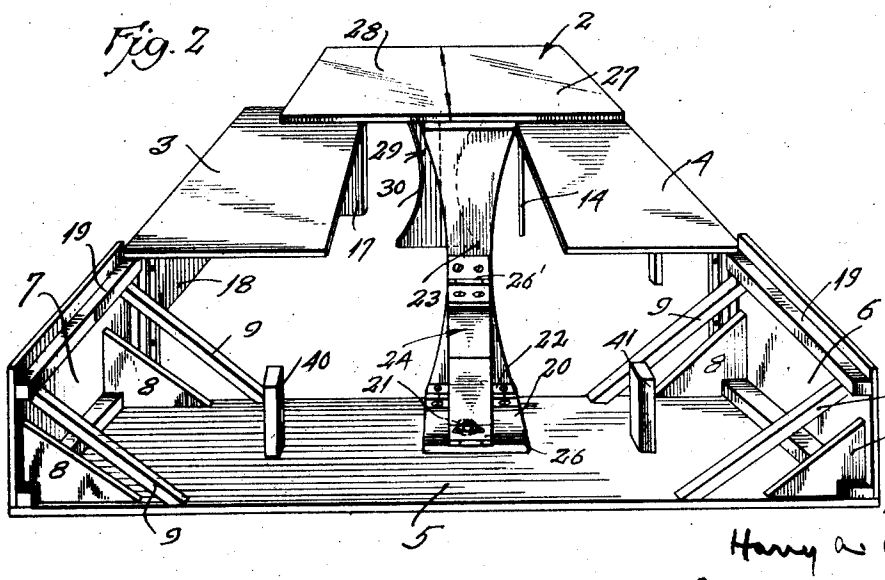


Fig. 1

Fig. 2



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Fig. 3

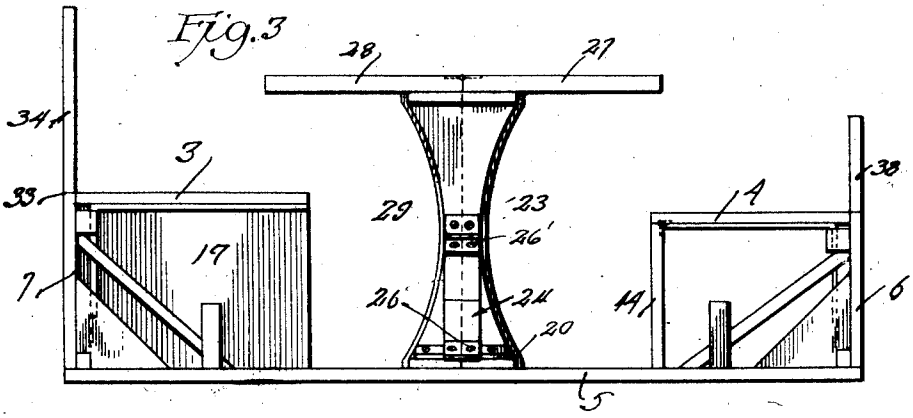


Fig. 4

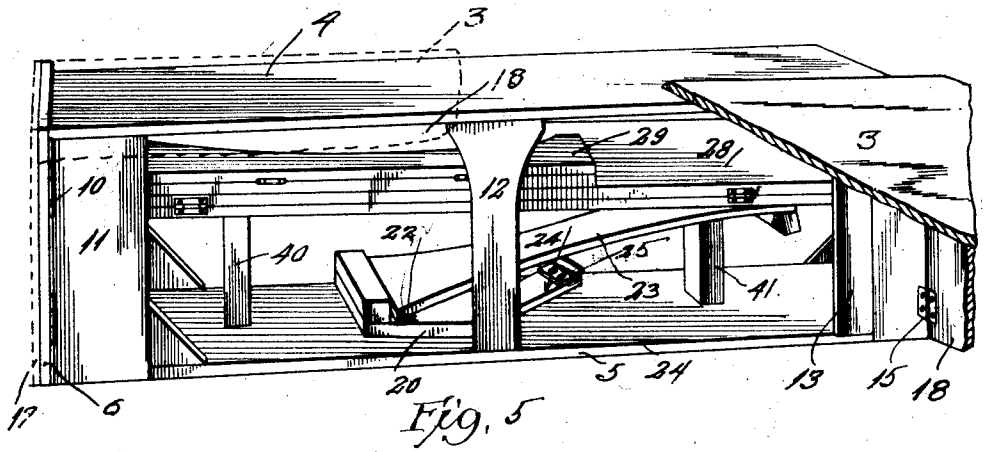
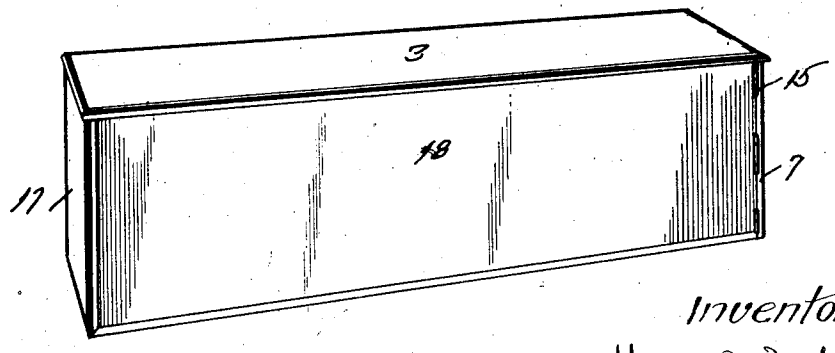


Fig. 5



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Fig. 9.

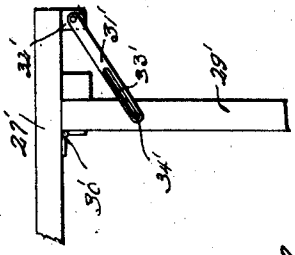


Fig. 6

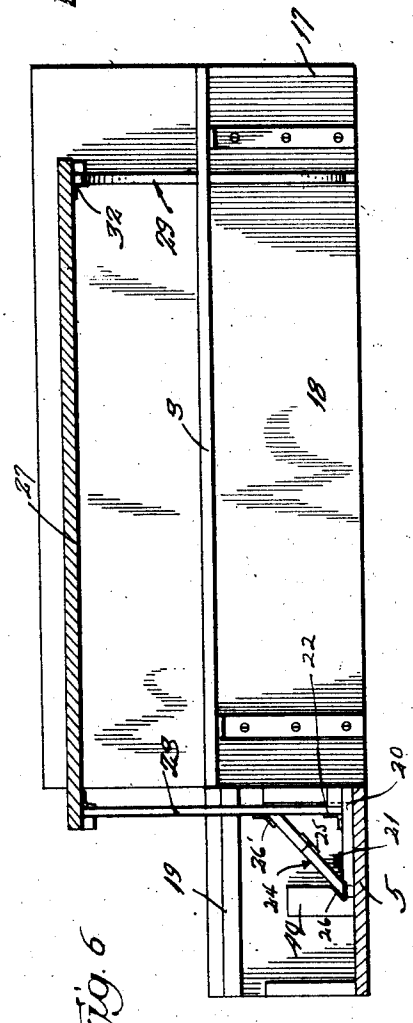


Fig. 7

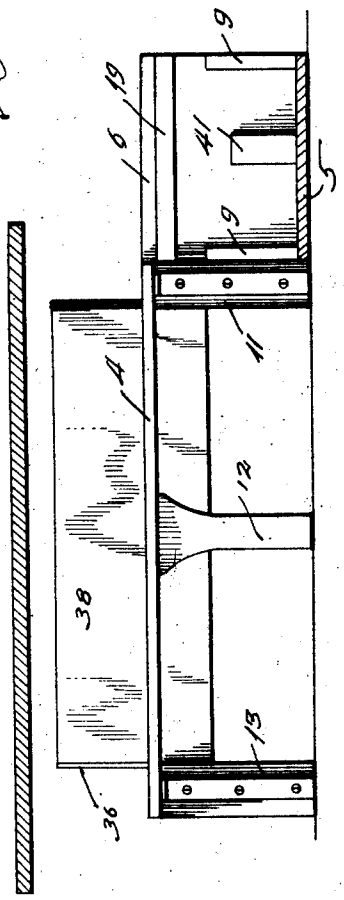
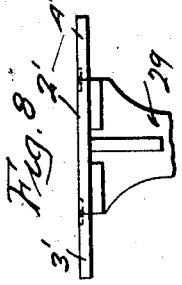


Fig. 8



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Patented May 8, 1928. 1,668,759

UNITED STATES PATENT OFFICE.

HARRY A. BUBB, OF MONROE, LOUISIANA.

BREAKFAST SET.

Application filed May 24, 1927. Serial No. 193,810.

My invention relates to improvements in furniture and is more particularly directed to a collapsible unit which includes a table and a pair of benches.

The object of my invention is to provide a collapsible furniture unit wherein the elements thereof may be folded in a compact relation and adapted to serve, when not in use, as a window bench.

With this and other objects in view, which will be more clearly apparent when the hereinafter description is considered in connection with the accompanying drawings, in which:—

Figure 1 is a top plan view of the unit opened for use.

Figure 2 is a perspective view of the same.

Figure 3 is an end elevation showing the table and benches when opened for use, the latter having connected thereto movable backs.

Figure 4 is a perspective view illustrating the table and one bench folded.

Figure 5 is a perspective view illustrating the unit when folded and serving as a window seat.

Figure 6 is a sectional view taken on the line 6—6 of Figure 1.

Figure 7 is a sectional view taken on the line 6—6 of Figure 1 and looking in the direction of the arrows 7—7.

Figure 8 is a modified form of the table top, and

Figure 9 is a modified form of one of the table supporting legs.

Referring to the accompanying drawings in detail, wherein like reference characters denote corresponding parts throughout the several views, the numeral 1 indicates, in general, the enclosing element of my improved article of furniture, the same having connected thereto a table 2 and benches 3 and 4, all of which are adapted to fold as hereinafter described, and being concealed with the element 1 by the bench 3.

As illustrated in the drawings, the element 1 is composed of an elongated base member 5 having at each end thereof vertically extending members 6 and 7, which are connected to the base member 5 in any suitable manner and suitably braced by the braces 8 and 9.

As illustrated in Figure 2, the end piece 6 is somewhat shorter in height than the end piece 7, the purpose of which being to permit the bench 3 connected to the end piece 7, in a manner hereinafter described, to swing over and enclose the end piece 6 and the bench 4 likewise connected thereto.

As illustrated in the drawings, the end piece 6 has hingedly connected thereto, as indicated at 10, a leg 11, to the upper end portion of which is connected and extending at right angles thereof the bench 4. The bench 4 is supported when in an opened position by legs 12 and 13 which are permanently secured to the underface of the bench and connected to the same edge as the leg 11. The opposite end of the bench is supported by a collapsible leg 14 hingedly connected to its underface and more particularly disclosed in Figures 2 and 3 of the drawings.

The end piece 7 has likewise hingedly connected thereto, as indicated at 15, the back wall 18, the upper end portion of which has connected thereto and extending at right angles thereof the bench 3. The end portion of the bench 3 is supported by an end wall 17, while the rear edge of the bench is supported by the back wall 18, and upon referring to Figure 4, it will be noted that when the elements are folded the end 17 overlies the end 6 and the back wall 18, of the bench 3, closes and forms the front wall of the window seat. The bench 4 when folded is supported by a shelf 19 connected adjacent the upper edge portions of the ends 6 and 7.

The table which is incorporated in the unit is connected to a block 20 which is pivoted to the base member 5 by a bolt or the like 21. The block 20 has hingedly connected thereto, as indicated at 22, a leg 23 which when in a vertical position, as illustrated in Figure 3, is braced by a suitable bracing element 24, which is composed of two like portions suitably connected by a hinge 25 and having one end hingedly connected, as indicated at 26′, to the block 20, while the other end is connected in a like manner to the leg 23. Thus it will be apparent that when the leg is in a vertical position and the two sections of the brace 24 are in alignment that proper bracing of the leg 23 will be provided. If desired, the hinge which connects the two sections of the bracing element 24 may be of a spring type, thus tending at all times to hold the brace in its proper bracing position.

The table 2 is composed of two folding leaf sections 27 and 28, the former being

hingedly connected to the upper end of the leg 23, as illustrated in Figure 6.

The other end of the table 2 is supported by a leg 29 which is formed of two similar sections 30 and 31 hingedly connected about a vertical axis, one part 30 being hingedly connected to the free end of the leaf 28, as indicated at 32, and the other part 31 forming a rest which supports the leaf 27 when in an opened position.

As illustrated in Figures 1, 6 and 7, I have provided means whereby movable sections carried by the benches may be moved to such a position as to provide a back rest for the occupants of the bench, and as illustrated more particularly in Figure 3, the bench 3 has hingedly connected thereto, as indicated at 33, a back rest 34 which when in an inoperative position may be lowered to assume a position as indicated by the dotted lines in Figure 3. When the back is in an operative position, it is suitably braced by braces not shown. The bench 4 has its legs 11 and 13 provided with grooves 36 which receive therein corresponding tongues 37 carried by a movable back 38. With this structure it will be apparent that when the bench 4 is moved to an open position, the back 38 may be moved upwardly so as to form a back rest, the back 38 being supported in this position by suitable catches carried by legs 11 and 13.

As illustrated in Figure 9, I have shown a modified form of the supporting leg for the table and upon referring to this figure, it will be apparent that the leg 29′ is hingedly connected to the table 27′, as indicated at 30′, and is braced by suitable links 31′. The links 31′ are pivotly connected to a transverse bar 32′ carried by the underside of the table section 27′ and have their opposite ends provided with elongated slots 33′ which receive therein pins 34′ carried by the leg. It is my purpose to use this type of leg in conjunction with the modified form of table illustrated in Figure 8, but it is, of course, to be understood that this type of leg may be employed with the other embodiment of the invention herein illustrated. Furthermore, it is to be understood that any type of folding leg may be employed and I do not intend to limit myself to the structures hereinbefore set forth.

Having thus fully described my invention, I will now explain briefly how the elements thereof are folded so as to form a window seat or bench, as illustrated in Figure 5. In the folding of the unit, the leg 29 is folded, the section 31 swinging about its vertical pivot and overlying the section 30 and both sections are then swung upwardly beneath the leaf 28, and the leaf is then swung upon its connecting hinges so as to overlie the leaf 27 of the table 2, thus making the leaf 27 support the leaf 28 and the leg 29.

After the parts have been folded to assume a position hereinafter described, the table is then swung about the pivot 21 until the folded sections of the table 2 are parallel with the base 5, after which the table 2 is pushed forwardly and in doing so it will move down and lie between the ends 6 and 7 of the element 1, as indicated in Figure 4. The table is supported within the element 1 by suitable vertical supports 40 and 41.

After the table has assumed the position thus described, the bench 4 is swung upon its pivot and covers the folded table, the folding leg 14 of the bench 4 swinging upon its pivot so as to permit the end of the bench to freely pass over the folded table, the other legs 12 and 14 of the bench 4 resting upon the base 5 and forming a rigid support for the bench 4 in connection with the shelf 19 carried by the end 6 when the bench is folded.

In a like manner the bench 3 is folded so as to overlie the folded bench 4 and the end 6 of the unit 1, when folded the back of the bench 18 closing one side of the unit 1, while the end of the bench 17 overlies the end 6 of the unit 1.

In this structure it will be observed that the end 6 and the bench 3 with its supporting elements 18 and 19 are highly finished so as to give a pleasing appearance and conceal therebeneath the other elements of the unit.

In Figure 8 of the drawings I have illustrated a modified form of the table top wherein the table 2′ may be composed of a number of sections 3′ and 4′ folding thereover.

From the foregoing, it is thought that the construction, operation and many advantages of the herein described invention will be apparent to those skilled in the art without further description, and it will be understood that various changes in the size, shape, proportion and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is:—

1. In an article of manufacture, a base member having end pieces extending at right angles thereto, a collapsible table having supporting legs, one of said legs being pivotally connected to the base member and capable of being folded thereupon, a sectional top for said table, said sections being hinged togther, one of said sections being hinged to the leg mounted on the base member and the other of said hinged sections being hinged to the other of said table legs, whereby said table top and legs may be collapsed upon said base between said end pieces when not in use, a horizontally disposed bench

pivotally connected to each end piece adjacent the upper ends thereof and adapted to normally lie in the direction of said end pieces and upon each side of the table when in use, said benches being movable upon their said pivots to a position at right angles to said end pieces, whereby one of said benches will overlie the other and both overlie the table when not in use.

2. In a unit of the class described, a base member having vertically extending end pieces, a collapsible table comprising hinged top sections, having supporting legs, one of said legs being pivotally connected at its lower end to the base member between said end pieces and at its upper end pivotally connected to one of said top sections, the other of said top sections being hinged to the other of said table legs, whereby said legs and table top may be collapsed upon said base between said end pieces when not in use, and a bench pivotally connected to the upper end of each end piece and extending parallel thereto when in use, one of said end pieces being of greater height than the other and said benches being movable upon their pivotal connections to a position at right angles to said end pieces, whereby one of said benches and end pieces will overlie the other bench and end piece respectively.

In testimony whereof I affix my signature.

HARRY A. BUBB.